5 Dec 61 1920Z

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DATE : 5 December 1961

TO :

FROM: DIRECTOR

CONF: OPD (1-2-3-4-5-6-7-8)

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CITE 5737

1. FOLLOWING PRINCIPAL TASK FORCE COMMENTS (61)66 AND CURRENT CMAIC LIST SOV ICBM SITES. MAY DISCUSS

2. COMPARISON THIS PAPER AND US VIEW HAMPERED BY BASIC DIFFERENCE DEFINITIONS: (1) ESTIMATES IN TERMS "OPERATIONAL INVENTORY" WHILE US "OPERATIONAL MISSILES ON LAUNCHER". WE PREFER OUR APPROACH ON TWO COUNTS: (a) BETTER MEASURE OF FIRST STRIKE CAPABILITY (b) BUILDING BASES SUPPLYING EQUIPMENT MAJOR PART OF EFFORT AND BEST MEASURE RESOURCE IMPACT WITH GIVEN FORCE SIZE; (2) DEFINES MRBM AS 300 - 700 NM SYSTEMS, AND CALLS 1100 NM ICBM WHEREAS US INCLUDES 700 - 1100 AS MRBMs.

3. PRINCIPAL SHORTCOMING DISCUSSION ICBM IS ALMOST COMPLETE ABSENCE IMPLICATIONS DEVELOPMENT SECOND GENERATION WEAPONS SYSTEM WHICH HAS BEEN IN TEST AT TTMTR SINCE EARLY 61. FURTHER, AREA C TYPE LAUNCHER TTMTR AND RELATION TO SECOND GENERATION IGNORED. BELIEVE C TYPE LAUNCHER FOR NEW MISSILE (CATEGORY B) AND THAT CATEGORY A MISSILE USED ONLY ON PLESETSK TYPE SITES, RAIL ALL THE WAY.

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SITE COMPLEXES OF YUR'YA TYPE NOT YET OPERATIONAL, BUT SOME PAIRS OF LAUNCHERS COULD BEGIN COME IN IN FIRST HALF 1962.

4. ALTHOUGH AGREE [redacted] ESTIMATE ICBMs NOW ON LAUNCHER AND REFIRE CAPABILITY PP 10 AND 11, DISAGREE SUFFICIENT PRODUCTION EVIDENCE TO LIMIT ICBMs AVAILABLE TO NUMBER GIVEN. FIND NO EVIDENCE KUYBYSHEV WILL PRODUCE OVER 100 YEAR AFTER 1962 AS STATED P. 13. BELIEVE PRODUCTION AFTER 1962 ALMOST ENTIRELY SECOND GENERATION SYSTEM, MORE LIKELY DAZ THAN KXXX KUYBYSHEV. THINK OPERATIONAL PROCEDURE FOR CATEGORY A ICBM DEVELOPED EARLY AS MID 1959, NOT MID 1961 AS ON P. 11. WE DOUBT USSR WILL FIND NEED FOR 100 MOBILE ICBMs BY 1966 AS ON P. 14.

25X1

5. TASK FORCE ESTIMATE ICBMs ON LAUNCHER: MID 1961, 10-25 CAT A, ZERO SECOND GENERATION; MID 1963, 10-25 CAT A, ABOUT 100 SECOND GEN: 1966 ABOUT 400-700 OF ALL TYPES. NUMBER OF MISSILES IN OP INVENTORY ABOUT 2 TO 3 TIMES LAUNCHER FIGURES. [redacted] ESTIMATE 700 IN 1966, IF OPERATIONAL

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INVENTORY, THEREFORE MUCH LOWER THAN [redacted] 25X1

6. LATEST CMAIC DEPLOYMENT WORKING GROUP EVALUATION ICBM SITES FOLLOWS: CONFIRMED R AND D - TYURA TAM:; CONFIRMED OPERATIONAL (VARYING STAGES COMPLETION) - YUR'YA, YOSHKAR OLA, VERKHNAYA SALDA, ITATKA; PROBABLE - PLESETSK; POSSIBLE - KOSTROMA, DOLON/SEMIPALATINSK AREA; UNDETERMINED - KAMYSHIN AREA, UFA, SUROVATIKHA; REMAINDER CONSIDERED DOUBTFUL OR NEGATIVE. CMAIC DOES NOT DISTINGUISH SITES AS FIRST OR SECOND GENERATION, BUT TASK FORCE CONSIDERS PLESETSK PROBABLE CATEGORY A SITE AND FOUR CONFIRMED OPERATIONAL SITES ABOVE FOR SECOND GENERATION ICBM, PROBABLY CATEGORY B.

7. WE BELIEVE 700 AND 1100 NM SYSTEMS INCLUDING SITES ALMOST IDENTICAL, THEREFORE DO NOT ESTIMATE SEPARATELY. COMBINED ESTIMATE MREMs MID 1961 IS ABOUT 250 MISSILES ON LAUNCHER, POSSIBLY 300, WITH 2000 NM MISSILE (IRBM) BECOMING OPERATIONAL SOON. 1963-64 ESTIMATE IS 350-450 MISSILES ON LAUNCHERS, INCLUDING UP TO 100 IREMs. OPERATIONAL INVENTORY WOULD BE ABOUT THREE TIMES THESE NUMBERS, HENCE GREATER THAN [redacted] ESTIMATE 900-~~1000~~ 1100 MREM/IREMs IN 1966. 25X1

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[redacted] 25X1

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MOSM SITES LISTED IN CONTRIBUTION TO 11-8/1-61.

8. WE BELIEVE FAR EAST EXERCISE NOTED BY [redacted] INDICATES MOST LAUNCHERS 25X1
WOULD BE USED IN FIRST STRIKE, RELOADED FOR SECOND STRIKE IN ABOUT FOUR HOURS, WITH SMALLER THIRD STRIKE FROM DIFFERENT LOCATIONS IN DAY OR SO.

9. WE CONSIDER STORABLE LIQUID PROPELLANTS AS IMPORTANT AS SOLIDS OPERATIONALLY AND EXPECT THEM BEFORE SOLIDS IN USSR.

10. CANNOT COMMENT ON REQUIREMENTS WITHOUT KNOWING BASES FOR [redacted] ESTIMATES, 25X1
BUT RESULTS DO NOT MATCH OUR REQUIREMENTS STUDIES.

END OF MESSAGE

1	[illegible] ACHESON	
2	BISSELL	
3	[redacted]	25X1
4	[illegible] WELL	
5	[illegible] WELL	
6	[redacted]	25X1
7		

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